14920 Rac'd FCT/FTO 17 JAN 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Applicants: Harvey et al. |) | For: DROPLET DEPOSITION APPARATUS |
|---|--------|-----------------------------------|
| U.S. National Phase of PCT/GB2004/003116 filed July 16, |) | Group Art Unit: To be assigned |
| 2004 |) | Examiner: To be assigned |
| Filed: Herewith |)) | - |
| • | j – | |

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that the attached six items (a) through (f) are being deposited with the United States Postal Service on January 17, 2006, in a postage-paid envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV686094026US.

- (a) Transmittal letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. §371;
- (c) Application, including eighteen sheets of description, five sheets of claims, and twelve sheets of drawings;
- (c) Application Data Sheet;
- (d) Preliminary Amendment;
- (e) Information Disclosure Statement; and
- (f) International Search Report.

Richard Zimmermann



PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER 27754/25918 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO (Known) see **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/GB2004/003116 16 July 2004 16 July 2003 TITLE OF INVENTION **Droplet Deposition Apparatus** APPLICANT(S) FOR DO/EO/US Robert A. HARVEY and Howard J. MANNING Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). X has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 11. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. 13. An Application Data Sheet under 37 CFR 1.76. 14. 15. A substitute specification. A power of attorney and/or change of address letter. 16. **17**. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 19.

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| U.S. APPLICATIO | Tho fit knows | 57(GR76)3 | INTERNATIONAL APPLIC | CATION NO. 004/003116 | ATTORNEY'S DOCKET NUMBER 27754/25918 | |
|--|---------------|-------------------|--|--------------------------|--------------------------------------|----------------|
| 20. X Other items or information: International search report; return receipt postal card | | | | | | |
| | | | | | | |
| The follo | owina fees h | nave been submitt | ed | | CALCULATION | S PTO USE ONLY |
| 21. x Basic national fee (37 CFR 1.492(a)) | | | \$ 300.0 | | | |
| | | | | | | |
| 22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations | | | | | \$ 200.0 | 00 |
| 23. X Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | \$ 500.0 | 00 |
| | TOTAL OF 21 | I, 22 and 23 = | | | \$ 1,000.0 | 0 |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | |
| Total Sheets | Extra Sheets | | Number of each additional 50 or fraction RATE thereof (round up to a whole number) | | | |
| - 100 = | /50 | 0 = | x \$250.00 | | \$ | |
| Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | | \$ | |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total clair | ns | 29 - 20 = | 9-20 = | | 450.0 | |
| Independent | | 4 - 3 = | 1 | x 200.00 | 200.0 | 00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$ 1,650.00 | | | | | | 00 |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | | | |
| SUBTOTAL = | | | | | \$ 1,650.0 | 00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | | \$ | 1,650.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | | |
| TOTAL FEES ENCLOSED = | | | | | \$ | 1,650.00 |
| | | | | | Amount to be refunded: | \$ |
| | | | | | Amount to be charged | \$ |
| | | | | ÷. | | |

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| a. X A check in the amount of \$ 1,650.00 | to cover the above fees is enclosed. | TAN ZUU | | | | |
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| b. Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed. | in the amount of \$ | to cover the above fees. | | | | |
| C. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2855 A duplicate copy of this sheet is enclosed. | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1. filed an granted to restore the International Application | .495 has not been met, a petition to revi | ve (37 CFR 1.137(a) or (b)) must be | | | | |
| SEND ALL CORRESPONDENCE TO: | SIGNATURE | Knigel | | | | |
| | Jerer | ny R. Kriegel | | | | |
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